

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|--|------------------|---------|---------------------|
| S30   | 5501  | scan adj chain   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:14 |
| S31   | 5676  | scan\$4 adj chain  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:14 |
| S32   | 832   | S29 and S31  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:14 |
| S33   | 12257 | finite adj2<br>machine   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:15 |
| S34   | 45    | S32 and S33  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:15 |
| S35   | 21    | (mux multiplexer)<br>and S34   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:16 |
| S36   | 1023  | (vector pattern<br>signature) with<br>(reduc\$3 deduct<br>\$4 diminish\$3 abat<br>\$3 curtail\$3 lower<br>\$3 lessen\$4) with<br>leakage | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:32 |
| S37   | 1     | S35 and S36  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:33 |
| S38   | 8409  | (vector pattern<br>signature) with<br>(leakage<br>dissipation)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:33 |
| S39   | 6     | S35 and S38  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:33 |
| S40   | 660   | (mux multiplexer)<br>same (finite adj<br>state adj<br>machine)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:52 |
| S41   | 1     | S39 and S40  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/12/16<br>11:53 |

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| S42 | 10099 | (vector pattern signature sequence) with (leakage dissipation) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>11:53 |
| S43 | 2     | S40 and S42  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>11:55 |
| S44 | 1     | S31 and S43  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>11:56 |
| S45 | 26175 | (vector pattern signature sequence) same (leakage dissipation) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>11:56 |
| S46 | 18    | S40 and S45  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>11:57 |
| S47 | 4     | S30 and S46  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>11:57 |
| S48 | 1     | "7412637" and mode   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>13:03 |
| S49 | 3681  | standby same sleep   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>13:20 |
| S50 | 6612  | standby and sleep  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>13:20 |
| S51 | 1     | S47 and S50  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>13:21 |
| S52 | 2     | ("7348804").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/12/16<br>13:25 |
| S53 | 89    | S32 and S50  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>13:38 |
| S54 | 72656 | state adj machine  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>13:38 |
| S55 | 54    | S53 and S54  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/12/16<br>13:38 |

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| S56 | 45   | S45 and S55                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/16<br>13:39 |
| S57 | 5665 | (state adj<br>machine) same<br>(multiplexer mux) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/16<br>13:40 |
| S58 | 3    | S56 and S57                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/16<br>13:40 |
| S59 | 4966 | (standby idle)<br>same sleep same<br>mode        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/16<br>13:56 |
| S60 | 42   | S31 and S59                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/16<br>13:57 |
| S61 | 3    | S57 and S60                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/16<br>13:57 |
| S62 | 123  | (standby same<br>sleep).clm.                     | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:48 |
| S63 | 205  | ((standby idle)<br>same sleep).clm.              | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:49 |
| S64 | 892  | ((finite adj state<br>adj machine) fsm).<br>clm. | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:50 |
| S65 | 1    | S63 and S64                                      | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:50 |
| S66 | 796  | (scan\$4 with<br>chain).clm.                     | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:53 |
| S67 | 0    | S65 and S66                                      | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:53 |
| S68 | 0    | S66 and S63                                      | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:53 |
| S69 | 22   | S66 and S64                                      | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:53 |
| S70 | 297  | ((standby idle)<br>and sleep).clm.               | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:54 |
| S71 | 0    | S69 and S70                                      | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:54 |
| S72 | 291  | (standby and<br>(sleep idle)).clm.               | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:55 |
| S73 | 0    | S69 and S72                                      | US-PGPUB                                 | OR | ON | 2008/12/17<br>07:56 |

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| S74 | 3521 | 716/4.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>07:57 |
| S75 | 2837 | 716/5.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>08:25 |
| S76 | 2189 | 716/6.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>08:45 |
| S77 | 1769 | 714/726.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>09:09 |
| S78 | 635  | 714/727.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>09:46 |
| S79 | 175  | 714/728.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>09:56 |
| S80 | 319  | 714/729.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>10:06 |
| S81 | 79   | 714/730.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>10:09 |
| S82 | 477  | 714/731.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/17<br>10:11 |

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